

10628380\_CLSTITLES  
Titles of Most Frequently Occurring Classifications of Patents Returned  
From A Search of 10628380 on March 31, 2006

- 29 330/10 (23 OR, 6 XR)  
Class 330 : AMPLIFIERS  
330/10 MODULATOR-DEMODULATOR-TYPE AMPLIFIER
- 19 330/251 (3 OR, 16 XR)  
Class 330 : AMPLIFIERS  
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,  
TRANSISTOR)  
330/251 .Including Class D amplifier
- 5 330/207A (0 OR, 5 XR)  
Class 330 : AMPLIFIERS  
330/207R MISCELLANEOUS  
330/207A .Class D
- 5 330/297 (3 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,  
TRANSISTOR)  
330/297 .Including particular power supply circuitry
- 5 341/144 (2 OR, 3 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/126 ANALOG TO OR FROM DIGITAL CONVERSION  
341/144 .Digital to analog conversion
- 5 341/152 (3 OR, 2 XR)  
Class 341 : CODED DATA GENERATION OR CONVERSION  
341/126 ANALOG TO OR FROM DIGITAL CONVERSION  
341/144 .Digital to analog conversion  
341/152 ..With intermediate conversion of digital value  
to time interval
- 5 375/238 (0 OR, 5 XR)  
Class 375 : PULSE OR DIGITAL COMMUNICATIONS  
375/238 PULSE WIDTH MODULATION
- 3 318/599 (2 OR, 1 XR)  
Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
SERVOMECHANISMS)  
318/599 .Pulse-width modulated power input to motor  
(e.g., "duty cycle" systems)
- 3 330/146 (1 OR, 2 XR)  
Class 330 : AMPLIFIERS  
330/146 WHEATSTONE BRIDGE WITH AMPLIFIER IN AT LEAST  
ONE ARM
- 3 363/41 (1 OR, 2 XR)  
Class 363 : ELECTRIC POWER CONVERSION SYSTEMS  
363/25 ....With automatic control of the magnitude of  
output voltage or current  
363/39 .with means to introduce or eliminate frequency  
components  
363/40 ..In inverter systems  
363/41 ...By pulse modulation technique (e.g., PWM,  
PPM, etc.)

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- 3 369/47.45 (2 OR, 1 XR)  
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
 369/47.1 CONTROL OF STORAGE OR RETRIEVAL OPERATION BY A  
                   CONTROL SIGNAL TO BE RECORDED OR REPRODUCED  
 369/47.36 .Mechanism control by the control signal  
 369/47.38 ..Control of relative motion producing  
                   mechanism  
 369/47.45 ...By a selected relative motion error signal
- 3 369/47.49 (0 OR, 3 XR)  
 Class 369 : DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
 369/47.1 CONTROL OF STORAGE OR RETRIEVAL OPERATION BY A  
                   CONTROL SIGNAL TO BE RECORDED OR REPRODUCED  
 369/47.36 .Mechanism control by the control signal  
 369/47.49 ..Control of transducer assembly mechanism
- 2 315/291 (1 OR, 1 XR)  
 Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
 315/291 CURRENT AND/OR VOLTAGE REGULATION
- 2 315/DIG 4 (0 OR, 2 XR)  
 Class 315 : ELECTRIC LAMP AND DISCHARGE DEVICES: SYSTEMS  
 315/DIG 4 Dimming circuit for fluorescent lamps
- 2 318/603 (1 OR, 1 XR)  
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
 318/560 POSITIONAL SERVO SYSTEMS (E.G.,  
                   SERVOMECHANISMS)  
 318/600 .Digital or numerical systems  
 318/603 ..Pulse-counting systems
- 2 318/811 (1 OR, 1 XR)  
 Class 318 : ELECTRICITY: MOTIVE POWER SYSTEMS  
 318/727 INDUCTION MOTOR SYSTEMS  
 318/767 .Primary circuit control  
 318/807 ..Frequency control  
 318/810 ...With voltage pulse time control  
 318/811 ....Pluse width modulation or chopping
- 2 330/253 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,  
                   TRANSISTOR)  
 330/252 .Including differential amplifier  
 330/253 ..Having field effect transistor
- 2 330/298 (0 OR, 2 XR)  
 Class 330 : AMPLIFIERS  
 330/250 WITH SEMICONDUCTOR AMPLIFYING DEVICE (E.G.,  
                   TRANSISTOR)  
 330/298 .Including protection means
- 2 332/109 (1 OR, 1 XR)  
 Class 332 : MODULATORS  
 332/106 PULSE OR INTERRUPTED CONTINUOUS WAVE MODULATOR  
 332/109 .Pulse width modulator
- 2 360/73.03 (0 OR, 2 XR)  
 Class 360 : DYNAMIC MAGNETIC INFORMATION STORAGE OR

## RETRIEVAL

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AUTOMATIC CONTROL OF A RECORDER MECHANISM
.Controlling the record
..Speed
...Rotary carrier

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- R, 2 XR)  
ELECTRIC POWER CONVERSION SYSTEMS  
....With automatic control of the magnitude of  
output voltage or current  
.Using semiconductor-type converter  
..In rectifier systems  
...Transistor
- R, 2 XR)  
ELECTRIC POWER CONVERSION SYSTEMS  
....With automatic control of the magnitude of  
output voltage or current  
.Using semiconductor-type converter  
..In transistor inverter systems  
...Bridge type
- R, 1 XR)  
ELECTRIC POWER CONVERSION SYSTEMS  
....With automatic control of the magnitude of  
output voltage or current  
.Including an A.C.-D.C.-A.C. converter  
..By semiconductor rectifier and inverter
- R, 2 XR)  
DYNAMIC INFORMATION STORAGE OR RETRIEVAL  
WITH SERVO POSITIONING OF TRANSDUCER ASSEMBLY  
OVER TRACK COMBINED WITH INFORMATION SIGNAL PROCESSING  
.Optical servo system  
..Means to compensate for defect or abnormal  
condition
- R, 0 XR)  
MULTIPLEX COMMUNICATIONS  
GENERALIZED ORTHOGONAL OR SPECIAL MATHEMATICAL  
TECHNIQUES  
.Plural diverse modulation techniques
- R, 1 XR)  
ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS  
AND DEVICES  
INCLUDING AMPLITUDE OR VOLUME CONTROL  
.With manual volume control
- R, 1 XR)  
ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS  
AND DEVICES  
WITH AMPLIFIER
- R, 1 XR)  
ELECTRICAL AUDIO SIGNAL PROCESSING SYSTEMS  
AND DEVICES  
HEARING AIDS, ELECTRICAL  
.wideband gain control
- R, 2 XR)  
ELECTRICITY: MOTOR CONTROL SYSTEMS  
CLOSED LOOP SPEED CONTROL SYSTEM FOR DC MOTOR

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WITH COMMUTATOR

- 388/809 .Armature control by digital or combined analog  
and digital circuitry
- 388/811 ..By pulse width or duty cycle modification